

ABSTRACT OF THE DISCLOSURE

A fuel and air mixing device includes a tank for receiving fuel therein and a compressor on a top of the tank is connected to a first port of a mixing device and a valve assembly having a pipe connected to a second 5 port of the mixing device. A siphon is connected to the valve assembly and extends in the fuel in the tank so as to siphon the fuel to go through the mixing device to form smaller particles which are entered the tank and mixed with air provided by the compressor. The mixture is then sent to an outlet of the valve assembly. A control unit is connected to the valve 10 assembly and the compressor for a convenience of operation to the users.